

# Bosniak klassifikation af nyrecyster

## Protokol

### Kontrol af II F cyster:

**Serie 1: Tom lav-dosis over nyrerne**

**Serie 2: Arteriel fase over nyrerne**

**Serie 3: Kortikomedullær eller nefrografisk fase over nyrerne**

## Klassifikationen er primært baseret på CT

Bosniak Renal Cyst Classification System	
<b>I</b>	- <b>Simple cyst</b> with a hairline-thin wall. - No septa, calcifications, or solid components. - Water attenuation, no enhancement.
<b>II</b>	- <b>Septa</b> : few hairline-thin in which not measurable enhancement may be appreciated. - <b>Calcification</b> : fine or a short segment of slightly thickened may be present in the wall or septa. - <b>High-attenuation</b> : uniform in lesions (< 3cm) that are sharply marginated and do not enhance.
<b>IIF</b>	- <b>Septa</b> : multiple hairline-thin in which not measurable enhancement of septum or wall is appreciated. - <b>Minimal thickening of wall or septa</b> , which may contain calcification, that may be thick and nodular, but no measurable contrast enhancement. - No enhancing soft-tissue components. - <b>Intrarenal</b> : totally intrarenal nonenhancing high-attenuating renal lesions; these lesions are generally well marginated.
<b>III</b>	- <b>Measurable enhancement</b> Cystic mass with thickened irregular or smooth walls or septa in which measurable enhancement is present
<b>IV</b>	- <b>Enhancing soft-tissue components</b> Clearly malignant cystic masses that can have all of the criteria of category III but also contain distinct enhancing soft-tissue components independent of the wall or septa

	Ignore	Follow	Excise
<b>Calcification</b>	small smooth, septal milk of calcium	thick nodular	enhancement nodular and wall thickening
<b>Hyperdens</b>	sharp margin < 3 cm not completely intrarenal, homogeneous US: cystic	totally intrarenal, > 3 cm + no enhancing	poorly defined heterogeneous enhancement US: solid
<b>Septations</b>	Thin and smooth	Slightly greater than a hairline	Thick, irregular, nodular enhancement
<b>Enhancement</b>	< 10 HE	10 -15 HE	> 15 HE *
<b>Multiloculated</b>	—	—	<b>All*</b> • unless infection
<b>Nodularity</b>	—	Very small nonenhancing nodules	All others
<b>Wall thickening</b>			<b>All*</b> unless infection

## Konsekvens af klassifikationen

<b>Bosniak I, II</b>	➔	<b>Ignore</b>
<b>Bosniak II F</b>	➔	<b>Follow</b>
<b>Bosniak III, IV</b>	➔	<b>Excise</b>